Clares

MICRO SUPPLIES

FONTWISE+

CLARES MICRO SUPPLIES

FONTWISE PLUS

INSTRUCTIONS FOR USE

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FONTWISE+ is designed primarily for use with WORDWISE, WORDWISE PLUS, VIEW and now, on versions 2.0 and above, MINI OFFICE II. But any text that is saved as an ASCII file can still be printed by FONTWISE+ using the menu options. Unfortunately this will not be as flexible as when used with the above. Where this manual refers to WORDWISE it also applies to WORDWISE PLUS.

To use FONTWISE+ you will require an EPSON compatible printer. The specific requirements are for single, double and quad density graphics. Most of the later generation printers have these facilities as standard. You do not need the facility to download fonts into your computer. FONTWISE+ will work with EPSON RX, LX, FX and all their compatibles. The EPSON MX and its compatibles can also be used, but only for the normal sized high quality text.

You must have the auto line feed set in your printer as typing *FX6,0 will not work, see your printer manual under "Setting dip switches". You need only worry about this if you normally have to enter *FX6 before printing.

The maximum document size is 9K (9216 bytes) if you exceed this size a "Text too big" error occurs at loading. If you require longer documents see the 'PF' embedded command which explains how to overcome this limitation.

Most of the FONTWISE+ commands are directly comparable with the WORDWISE, VIEW or MINI OFFICE command for the same function.

To load and run FONTWISE+ press

<SHIFT> - <BREAK>

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THE MENU FUNCTIONS

You can change settings such as left margin or font type from this menu, instead of embedding commands into the document with your wordprocessor, this means that any text file can be printed using the facilities of FONTWISE+. In all cases your text must not be pre-formatted i.e. it must not have <RETURN> at the end of each line only at the end of paragraphs.

If you are using text from an approved wordprocessors make sure you are logged into the correct one by using the 'W' option from the menu.

Here is a list of the functions together with descriptions. RANGE followed by numbers indicates the range of values accepted by each command.

e.g. RANGE (0 - 20) indicates that numbers between 0 and 20 can be entered. To enter a value press <RETURN>.

1. Left margin

This sets the number of spaces printed at the beginning of each line - see appendix A for a quicker alternative.

Range (0 - 20)

2. Line length

This sets the maximum line length. The program will try to chop the line at a space if the text exceeds the line length. This value only has a direct relationship in non proportional mode. Proportional text cannot be specified in terms of characters per line as each character is a different width and so each line will contain a different number of characters. The default line length setting of 45 is suitable for A4 paper and fills the page width, with adequate margins, but only in proportional mode.

Range (20 - 105)

3. Proportional printing

This is a toggle between ON and OFF, simply press '3' to toggle between the two options. Proportional printing means that each character only uses the space required to print the character. Non proportional text uses the same space for an 'I' as it does for a 'W'.

4. Fontwise ON or OFF

You can disable the enhanced printing of FONTWISE+ with this function and the printing will return to the normal printer characters. This is also a toggle between ON and OFF.

5. Font selection

Enter the number of the font required. This function will load the appropriate font into memory, and all future printing will be in this style.

Range (1 - 99)

6. Justify

If you press the '6' key the justify function will toggle between ON and OFF. Justify will try to make all the lines in your document the same length by inserting micro spaces between words.

7. Character type

If you press '7' the character type will toggle between condensed, fast mode and normal printing. Fast mode is used to print in draft quality to check layout.

N.B. If fast mode is set from this menu all embedded commands for condensed and normal printing will be ignored, this allows you to print a draft copy of your document without removing any 'CD' or 'NS' commands.

8. Text drive

This is another toggle between 0,1,2,3.

You can change the default text drive to be anything between 0 and 3. If the text drive is 0, then you will be prompted to change discs during the loading procedure as FONTWISE+ must occupy drive 0. If the logged in drive is anything other than 0 then there will be no prompting to change discs.

9. Underline character

When FONTWISE+ finds an underline character it will start underlining until it finds another one eg to underline the word "FRED" when the underline character is a dollar sign the text would look like this

Mr $FRED$ Smith

The underline character can be any character between ASCII 33 and 126. VIEW users can also use the normal highlight command, <SHIFT><F5>.

L. Load document

If you press 'L' you will be shown a catalogue of your 'text drive' and asked for a filename, this filename can contain drive, directory and filename but if you are logged on to your text drive just enter the directory and filename followed by <RETURN>. Loading of VIEW and MINI OFFICE files takes a litle longer as they need their formatting characters converted ready for FONTWISE+.

P. Print

This prints the current document. If there is not a current document then a beep will sound to signify this. Make sure that the printer is ready.

Q. Quit

This option will quit the program tidily and restore memory to a usable state.

E. Enable paging

This allows you to turn on or off the paging facility, which acts in the same manner as that in your wordprocessor.

D. Defaults

Pressing 'D' whilst in the menu will save all the current menu settings, eg the Left margin, Font number etc, to your current text drive for later recall. The file created is called "FW".

The FONTWISE+ disc arrives without a write protect tab fitted so that you can save the defaults file to the program disc and have it boot up with your preferred settings. If you have dual drives you will want to set the text drive to be on drive 1. To do this make sure that you have your settings correct and then move the program disc to drive 1 followed by pressing the 'D' key. The new defaults file will be saved on the program disc. You will now have to press <BREAK> as the program will be trying to access the program disc on drive 0. To recover from this hit <BREAK>, replace the FONTWISE+ disc in drive 0 and reboot. The menu will now contain your preferred settings. You can however still save different settings on your text discs and load them as shown below.

If you press <ESCAPE> whilst in the menu your own defaults will be loaded from the current text drive. If the text drive is zero you will be prompted to swap discs.

F. Form or page length

Sets the total number of lines per page. The default setting is 75, which is perfect for fanfold paper. A4 paper will allow slightly more lines but in practice the default of 75 is still suitable.

Range (20 - 100)

M. Magnify

If you press the 'M' key the magnify function will toggle between on and off. Magnify doubles the width of the printed text.

T. Top margin

Sets top margin - this is the number of blank lines fed at the start of each page. This will not have any effect if you are not in 'ENABLE PAGING' mode.

Range (0 - 50)

N. Number of page

Sets the page number that will be printed as a footer. The default starting page number is 1 but this can be changed to be anything between 1 and 200. 'ENABLE PAGING' mode only.

Range (1 - 200)

S. Line Spacing

This sets the number of blank lines to be fed after every printed line. 'ENABLE PAGING' mode only.

Range (0 - 6)

B. Bottom Spacing

Sets the number of blank lines fed at the bottom of each page. On the last of these lines the string "PAGE nnn" is printed. 'ENABLE PAGING' mode only. If you make the bottom space 0 then then a page number will not be printed.

Range (0 - 50)

W. Wordprocessor

FONTWISE+ can print either WORDWISE, VIEW or MINI OFFICE documents, so be sure to have this option correctly set BEFORE attempting to load a document as a special loader is used for each.

H. Hard return

This defines the hard return character. The hard return character is very important to VIEW users as VIEW documents contain a carriage return at the end of each line, and not just at the end of a paragraph. During loading FONTWISE+ removes all single carriage returns, only double returns (end of paragraphs) are transferred. If you want to print a short line it must end with a Hard return. e.g. if the hard return character was "^" the text would look like this.

This line ends with a Hard return^

Enter a character between ASCII 33 and 126.

N.B. The hard return only applies to VIEW documents.

V. Vertical spacing

You can control the vertical spacing in n/216th of an inch. This allows very accurate control over the layout and appearance of text on the page.

Range (1 - 255)

C. Pad character

You can modify the Pad character to be any ASCII value between 33 and 126. The pad character takes the place of a space and should be used if you do not want to split a phrase over more than one line or have justifying spaces inserted.

X. Exit to wordprocessor

You can exit directly to your chosen wordprocessor, but not MINI OFFICE.

N.B. Some early versions of WORDWISE+ have protection which stops you entering the wordprocessor after a *FX200 call. In such cases you will have to turn the computer off then on again before you can enter WORDWISE+. Computer Concepts can provide an upgrade which overcomes this problem.

G. Gap or character spacing

This allows you to control the gap size between each printed character on a line, remember that this will affect the line length calculation and if the gap is increased the line length should be decreased.

Range (0 - 5)

THE EMBEDDED COMMANDS

All of the above mentioned features, except filing system commands, can be embedded into the document using WORDWISE, VIEW or MINI OFFICE. Here is a list together with the syntax and description of each command.

WORDWISE

Each command must be on a line of its own and no multiple commands are allowed. If you are using WORDWISE press <F1> followed by the command and terminated with a <RETURN> instead of <F2> eg

<F1>LM 4<RETURN>

MINI OFFICE

As above except use <F5> and <F6> instead of <F1> and F<2> respectively.

VIEW

If you are using VIEW, you should insert embedded commands by pressing <SHIFT><F8> as normal. Enter the command and press <RETURN>, to move back onto the normal text area, followed by any parameters required and finally a <RETURN> to move to a new line e.g.

<SHIFT><F8> LM <RETURN> 4 <RETURN>

If there is no parameter required just press <RETURN> to move onto the next line.

The following instructions apply primarily to WORDWISE users, for a fuller description of the differences encountered when using VIEW or MINI OFFICE II see Appendices B and C.

The following commands are not shown in alphabetic order but are grouped together in logical sections. This makes it easier to understand the use of each command when reading the manual. If you want to look something up you should refer to Appendix E which contains a list of abbreviations, commands, defaults and on which page they are dealt with.

In the following descriptions each command will be shown as the abbreviation followed by one or more 'n' characters, to indicate the number of parameters that can be accepted, and finally the command terminator, which in most cases will be <RETURN>. For some commands an alternative terminator such as <F2> may be indicated. The <F2> command applies to WORDWISE only, VIEW users must use <RETURN> instead of <F2> and MINI OFFICE users must use <F6>. Where applicable the range of acceptable numbers or values is also shown.

THE COMMANDS

EN <RETURN>

ENables FONTWISE+ after it has been disabled with option 4 from the menu or from the embedded command 'DIS'.

DI <RETURN>

Disables FONTWISE+ and returns to the normal printing of your printer. This has the same effect as the toggle switch 4 in the menu.

FT nn <RETURN>

Selects a new FonT- the required font is loaded from the disc – where nn is the number of the font. This has the same effect as option 5 from the menu but allows you to switch fonts from within the document.

Range (1 – 99)

CD <RETURN>

Sets the printing into ConDensed mode. This is the same as the toggle switch 7 in the menu. N.B. This only works if FONTWISE+ is ENabled. You should use "OC 15" when FONTWISE+ is disabled.

FP <RETURN>

Sets the printing to Fast Printing mode for draft printing. This has the same effect as option 7 in the menu and only takes effect if FONTWISE+ is ENabled.

NS <RETURN>

Sets the printing to Normal Speed high quality printing. This also has the same effect as option 7 in the menu. Again this only takes effect if FONTWISE+ is ENabled.

JO <RETURN>

Simply turns Justification On, just as the toggle switch 6 in the menu.

NJ <RETURN>

No Justification, same as the toggle switch 6 in the menu and gives unjustified printing.

PO <RETURN>

Proportional On. This is the same as option 3 in the menu, ENabled mode only. See Appendix A concerning line length in proportional mode.

NP <RETURN>

No Proportional spacing, so that all the characters are the same width. This has the same effect as option 3 in the menu.

LM nn <RETURN>

Allows you to set the Left Margin to anything between 0 and 20. This has the same effect as option 1 in the menu. See Appendix A for larger a margin.

Range (0 - 20)

LL nnn <RETURN>

This command changes the Line Length where nnn is a number between 20 and 105. This is equivalent to option 2 in the menu.

Range (20 - 105)

PL nnn <RETURN>

Page Length setting where 'nnn' is a number between 20 and 100. This command only takes effect in 'Enable Paging' mode. The value set is the printable area of the paper to be used before a form feed command is issued to the printer.

Range (20 - 100)

TS nn <RETURN>

The Top Space setting where 'nn' is a number between 0 and 50. Enable Paging mode only. Same as option 'T' in the menu.

Range (0 - 50)

BS nn <RETURN>

The Bottom Space setting where 'nn' is a number between 0 and 50. 'Enable Paging' mode only. Same as option 'B' in the menu. If "BS 0" is issued the the page number will not be printed as there is no room for it, thus allowing you to print multi page letters without page numbers.

Range (0 - 50)

LF n <RETURN>

This command allows you to control <u>Line Feed</u> in steps of one 216th of an inch, where 'n' is a number between 1 and 255, but only if FONTWISE+ is enabled. This is the same as vertical spacing on the menu. Remember to decrease page length to compensate.

Range (0-255)

LS n <RETURN>

This command sets the <u>Line Spacing</u> , where 'n' is a number between 0 and 6. Works in 'Enable Paging' mode only and is the same as option 'S' in the menu. Using this option together with 'Line Feed' gives you very accurate positioning of the text in steps of just one 216th of an inch.

Range (0 - 6)

SS <RETURN>

Sets <u>Single Spacing</u>. This has the same effect as the command "LS 0" and option 'S' in the menu.

PN nnn <RETURN>

<u>Page Number</u> setting where nnn is a number between 1 and 200. 'Enable Paging' mode only. Same as option 'N' in the menu.

Range (1 - 200)

BP <RETURN>

This command forces FONTWISE+ to <u>Begin a new Page</u>, after printing the page number of the current page and positioning the paper for the next page. If you want the page number on the last page to be printed then the last line must be "BP" and there must be no further characters otherwise FONTWISE+ will start another page.

CP nnn <RETURN>

<u>Conditional Pagination</u> allows you to stop a paragraph being split over two pages. If you want to make sure that a 10 line paragraph would fit on the current page you would issue the command "CP 10" at the start of the paragraph. If there were less than 10 lines remaining on the current page, a new page would be started just as if the 'BP' command had been issued.

Range (1 - Page length)

EP nn <RETURN>

Sets Enable Paging mode. You can print the page number in any font number by entering a valid font number in the command. If no number is entered the page number will be printed in the current font style.

This command controls the action of many other commands relating to page layout. If Enable Paging is not on then these commands will not be active. If you expected something to happen and it did not, you should check to see if this command should be active.

Range (1 - 99)

EM <RETURN>

This Enables the "Insert a new page" Message at the end of each page so that you can insert a new sheet of paper in the printer, press any key to continue. Use this option if you are not using continuous paper.

DM <RETURN>

This Disables the "insert new page" Message so FONTWISE+ will presume continous stationery is being used.

CO <RETURN>

Continous Output mode this disables "EP" mode and all page formatting is ignored.

IN nn <RETURN>

INdent a line, this means you can indent a paragraph in your text without affecting the left margin. 'nn' can be a number between 1 and 20. See Appendix A if you require a larger indentation.

Range (1 - 20)

TI nn <RETURN>

Temporary Indent this causes the next line to be indented. The 'TI' command takes precedence over any previous INdent command but it will auto cancel itself when the next line feed is executed.

Range (0 - line length)

CI <RETURN>

<u>Cancel Indent</u> so the text returns to the left margin. This has the same effect as "IN 0"

FI <F2>line to be indented <RETURN>

<u>Fully Indents</u> a line. This means all text on that line will cling to the right margin as opposed to the left margin as it normally does.

CE <F2>line to be centred <RETURN>

<u>CEntres</u> a line. Wordwise users only can put a number after the 'CE' and it will then centre that number of lines.

N.B. If the line to be centred is longer than the logical line length set by the 'LL' command then the line will be chopped at the length of the logical line and unusual things may happen.

UL $ <RETURN>

This allows you to change the <u>UnderLine</u> character. Where the '$' sign can be any character in the ASCII ranges 33 to 126. This has the same effect as option 9 in the menu.

PD $ <RETURN>

This command allows you to change the <u>PaD character definition</u>. If you don't want a phrase to be split onto several lines you simply use the pad character instead of spaces in the document eg

If the pad character is the per_cent sign a sample line would look like this

"THIS%LINE%WOULD%NOT%BE%SPLIT%UP"

PA <RETURN>

<u>PAuse</u> printing. This will stop printing and allow you to change paper etc, even if you are not in 'Enable Message' mode. Press any key to continue printing.

OC n,nn,nnn <RETURN>

<u>Output Codes</u> to the printer where 'nnn' is a number. No strings are allowed only numerics are acceptable.

RE <F2> A COMMENT <RETURN>

This will display a REmark, on the screen only, during printing. This could be used to show the last edited date etc. N.B. It will only display 25 characters if any more are entered they will be ignored.

PF "FRED" <RETURN>

Print File. If you have a file which is more than the maximum FONTWISE+ document size of 9k you can use this command to load and print another file when you have reached the end of the current file. This is a very useful command as pagination, margins, line lengths etc are continued on the next file and do not need to be re-entered.

Note. This command must be issued on the last line of the document as the new file is loaded over the previous one.

MO <RETURN>

Magnification On - this doubles the width of your text but only if FONTWISE+ is ENabled.

NM <RETURN>

No Magnification - cancels the magnification option.

CS n <RETURN>

Character Spacing. This controls the size of the gaps between each printed character, from 0 to 5 pixcels. Any change to the character spacing will affect the number of characters printed on each line and it will normally be necessary to reduce the line length if the gap is increased.

Range (0 - 5)

DT nn,nn,nn,nn,nn <RETURN>

Define Tab stops, the values in 'nn' must increment or this function will not work properly, and they must not exceed the maximum line length of 105. The default settings are 10,20,30,40 and 50 and relate to physical positions on the page and not the number of characters printed. TABs are unaffected by 'LM', 'IN', 'TI' etc.

Range (0 - 105)

Appendix A

USEFUL INFORMATION

Pressing <ESCAPE> during printing will terminate printing after the current line has been printed.

FONTWISE+ will print the pound sign correctly i.e. use the pound key and not the hash sign.

The line length command is only relevant when in 'NON PROPORTIONAL' mode. If you enter 'PROPORTIONAL MODE' the line length only refers to a physical width and not to the number of characters that will be printed. This is because each character takes up a different amount of space and as you do not know which characters will appear on a line you cannot specify the line length correctly. For example 47 W's will fit on one line but a lot more I's will fit in the same space. Don't worry if this is too complex for you as we have set up the standard defaults to be suitable for A4 and fanfold paper. If you want to use condensed print the Left Margin should be 8 and the Line Length should be 92, again for A4 and fanfold paper. If you do not use normal sized paper you will soon find the correct settings by experimenting.

Embedded commands with parameters can have spaces between the command and the parameter or not.

If you want a larger left margin than 20 you should use your printers own built in left margin. This also reduces wasted time when the printer is printing the margin.

e.g. If you wanted an extra left margin of 5 on an EPSON compatible printer you would issue the embedded command –

OC 27,108,5<RETURN>

If you wanted to start printing halfway across the page you would use

OC 27,108,40<RETURN>

This command is useful if you need to manually position text on the page as it is very accurate.

For the text justify facility to work your document must contain carriage returns at the end of a paragraph only. This is standard for WORDWISE and MINI OFFICE. VIEW puts a <RETURN> at the end of each line but the text is converted into the correct format at loading time.

So that paragraphs are recognised you must have at least 2 <RETURN>s at the end of a paragraph. The first <RETURN> terminates the line and the second leaves a line between paragraphs. If only one <RETURN> is used it will be removed and replaced by a space so that the text can be correctly formatted.

The pad character embedded command is different to that used in WORDWISE due to the different versions of the command in WORDWISE and WORDWISE+ which affect the preview text function.

If you have upgraded to FONTWISE+ from the standard FONTWISE you will have to alter several commands to the new two character format. The main ones are FONT, COND, DIS, ENA, and REM. In fact the last 3 will still work as the last character is ignored.

It is possible to print more than one font on a line using the printers backspace command with the same value assigned to vertical spacing. However no justify would be available as different fonts require varying amounts of space. Alternatively you can set the 'LF', line feed, command to 0 so that the paper does not advance. This prints the next line on top of the existing line so you will have to position your text so as it does not overprint and don't forget to reset the linefeed before printing the second line. See the demo file for a clearer picture.

Using centre or fully indent with the magnify on will work correctly, but only when in 'Proportional' and 'Justify' modes. You will have to adjust the margins in other modes just as you would in any wordprocessor. If you want to use centre and magnified normal sized text for a heading and have the rest of the text in condensed you should set the line length for the heading to be half that for the condensed text. Condensed text is half the size of normal text which is also half the size of magnified text.

A sample document called 'DEMO' is provided on the disc. It must be copied to another disc before being printed as FONTWISE+ will not load from the program disc. To print it out just boot FONTWISE+, select your text drive, load 'DEMO' and press 'P' to print. Do not alter anything else.

IMPORTANT

Note The document to be printed must only contain characters within the ASCII range 32 - 126.

If you embed a new command into your document you must make sure that it is preceeded by a carriage return and also terminated by a carriage return. If this is not done then some text loss may occur.

Appendix B

VIEW NOTES

This appendix covers the differences between using WORDWISE and VIEW to prepare FONTWISE+ documents. Much of the information exists elsewhere in this manual but it is all provided here under one heading.

ENTERING COMMANDS

To enter the commands listed in Appendix E you should follow the example below

<SHIFT> <F8> LM <RETURN> 10 <RETURN>

The <SHIFT> <F8> enters the command margin where you type the command, 'LM' in this case. <RETURN> then returns you to the text area where you can enter any required parameters. The final <RETURN> will move you to a new line ready to enter text. If no parameters are required you must still press <RETURN> to move to a new line as any text entered on a command line will be ignored, except as indicated below. The above example will set the left margin to ten.

ALTERNATIVE COMMANDS

The commands on the left may be replaced by those in the right column to avoid conflict with existing VIEW commands that have a different meaning. This will allow you to preview your text without problems. The only command that could cause a problem is 'EP' as this is taken by VIEW to mean Even Page and not Enable Paging as in FONTWISE+, but you will only ever have this once in a document and it will just mean that VIEW will print an extra page.

NORMAL	COMMAND	VIEW
BS	Bottom Space	BM
DM	Disable Message	MD
EM	Enable Message	ME
FI	Fully Indent	RJ
TS	Top Space	TM

All other commands are the same as listed in Appendix E.

Remember that if you want to have a short line in a VIEW document you must use the 'Hard Return' character at the end of the line. The FONTWISE loader will convert this into a carriage return and not strip it out, as it does with normal returns.

If you are using TABs it is advisable to remove the TAB markers from the ruler and always use 80 column mode. This will prevent problems that might be caused through VIEW splitting the FONTWISE+ TABs over two screen lines.

Appendix C

MINI OFFICE NOTES

This appendix covers the differences between using WORDWISE and MINI OFFICE to prepare FONTWISE+ documents. Much of the information exists elsewhere in this manual but it is all provided here under one heading.

ENTERING COMMANDS

To enter the commands listed in Appendix E you should proceed as you would for entering MINI OFFICE II embedded commands except that each command must be on a separate line and the command is terminated with a <RETURN> and not <F6> e.g.

<F5> LM10 <RETURN>

Where the WORDWISE commands show an <F2> you should use <F6> e.g.

<f5> CE <F6> This is centred <RETURN>

ALTERNATIVE COMMANDS

The commands listed in Appendix E can all be used when creating a FONTWISE+ document in MINI OFFICE II, but in addition you can also use the commands listed below. This will allow you to use commands that you are familiar with and also enable you to print and preview your document without problems. The commands on the left may be replaced by those in the right column.

NORMAL	COMMAND	MINI OFFICE	
CO	Continuous Output	PO	*
JO	Justify On	FJ	
NJ	No Justify	RR	
OC	Output Codes	CC	
PD	PaD character	PC	
PF	Print File	GF	
PO	Proportional On	PR	*

Note the diferent use of the two commands marked with the star. 'PO' now means 'Paging Off' and 'PR' means 'PRoportional' print.

The FONTWISE loader will convert all <F5> and <F6> codes into the format required and will also translate the above commands into the command recognised by FONTWISE+.

NOTE that it is not possible to use option 'X' from the menu to exit into MINI OFFICE II.

Appendix D

The twelve proportional fonts in normal size

This is a line of FONT number 1
This is a line of FONT number 2
This is a line of FONT number 3
This is a line of FONT number 4
This is a line of FONT number 5
This is a line of FONT number 6
This is a line of FONT number 7
This is a line of FONT number 8
This is a line of FONT number 9
This is a line of FONT number 10
This is a line of FONT number 11
This is a Line of FONT number 12

Some proportional fonts in condensed size

This is Font one in condensed size   This is Font four in condensed size

This is Font five in condensed size   **This is Font six in condensed size**

This is Font seven in condensed size   *This is Font eight in condensed size*

This is Font nine in condensed size   *This is Font ten in condensed size*

Some non proportional fonts in condensed size

```
This  is  Font  one  in  condensed  size
This  is  Font  nine  in  condensed  size
This  is  Font  eleven  in  condensed  size
This  is  Font  twelve  in  condensed  size
```

Some magnified fonts

This is Font two

This is Font four

This is Font five

This is Font twelve

Appendix E

Abbreviation	Command	Default	Page
BP	Begin Page	–	11
BS	Bottom Space	6	6,10
CE	Centre text	–	13
CI	Cancel Indent	–	13
CO	Continuous Output	ON	12
CO	ConDensed print	OFF	4,9
CP	Conditional Page	–	11
CS	Character spacing	2	7,14
DI	DISable Fontwise	–	4,9
DM	Disable Message	–	12
DT	Define Tabs	–	14
EM	Enable Message	OFF	12
EN	ENAble Fontwise	ON	4,9
EP	Enable Paging	OFF	5,12
FI	Fully Indent	–	13
FT	Select FonT	1	4,9
FP	Fast Printing	OFF	4,9
IN	Indent	–	12
JO	Justification On	ON	4,9
LF	216/inch Line feed	28	11
LL	Line Length	45	3,10
LM	Left Margin	4	3,10
LS	Line Spacing	0	6,11
MO	Magnify on	–	6,14
NJ	No Justification	–	4,9
NM	No magnify	–	6,14
NP	No Proportional	–	3,10
NS	Normal Speed printing	ON	4,9
OC	Output Codes	–	13
PA	PAuse	–	13
PD	PaD character	¦	7,13
PF	Print File	–	14
PL	Page Length	75	6,10
PN	Page Number	1	6,11
PO	Proportional On	ON	3,10
RE	REMark in text	–	14
SS	Single Spacing	ON	11
TI	Temporary Indent	–	12
TS	Top Space	6	6,10
UL	UnderLine character	~	4,13